

FIG. 1

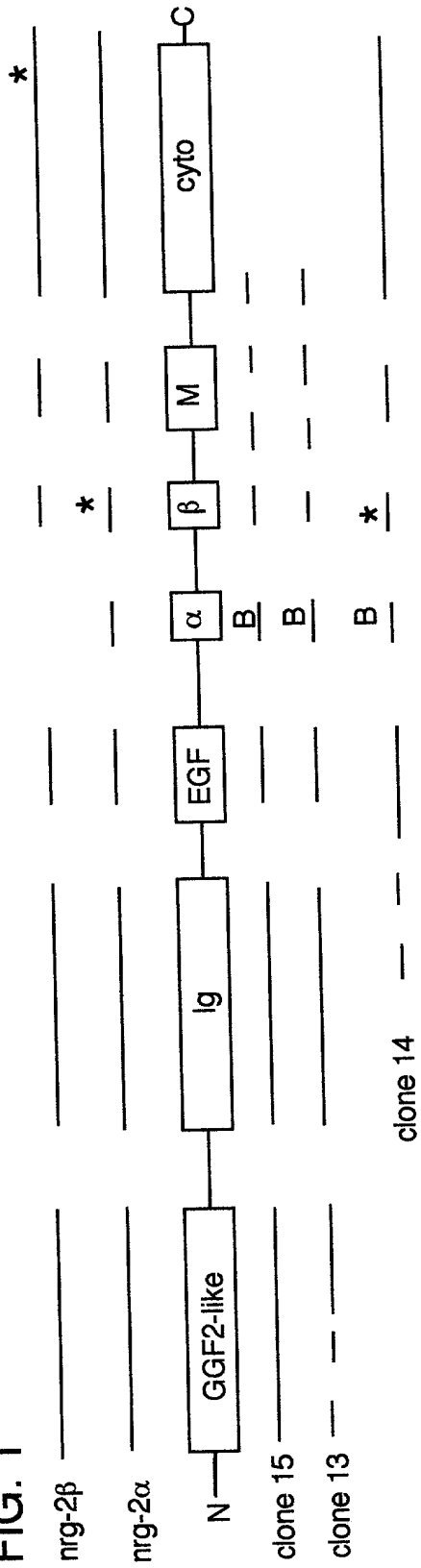


FIG. 2

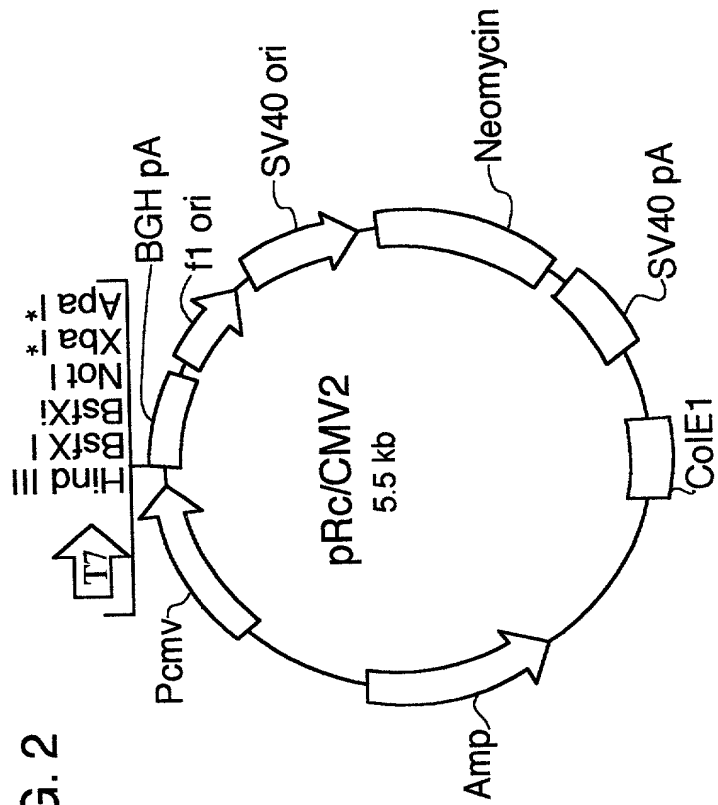


FIG. 3A

vector rhnrg-2 α
cm cell cm cell

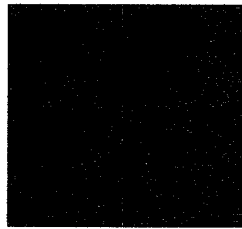


FIG. 3B

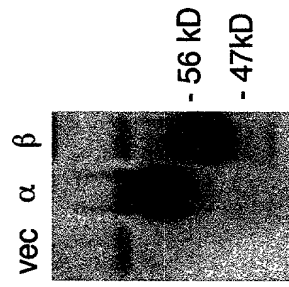


FIG. 3C

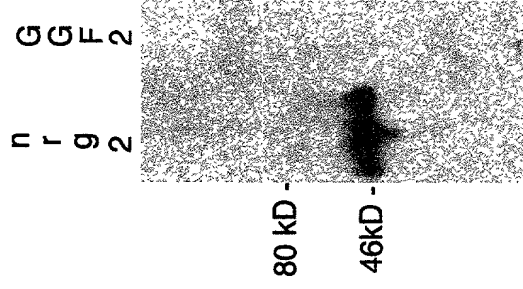


FIG. 4A

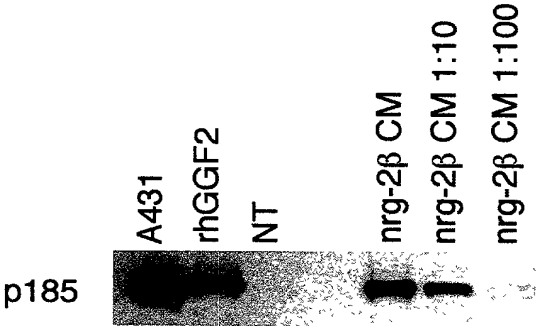


FIG. 4B

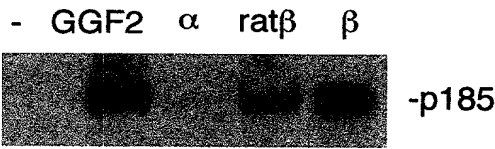


FIG. 5

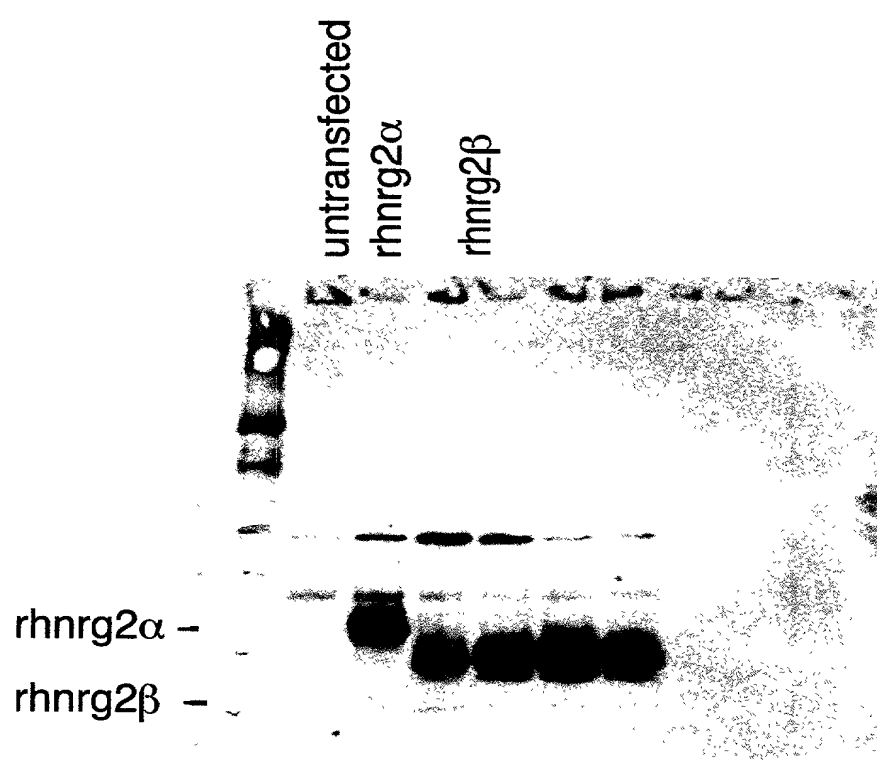


FIG. 6

ATGAGGCGCGACCCGGCCCCCGGCTTCTCCATGCTGCTCTTCGGTGTGTGCTCGCTCGCC
TGCTACTCGCCCAGCCTCAAGTCAGTGCAGGACCAGGCGTACAAGGCACCCGTGGT
GGTGGAGGGCAAGGTACAGGGGCTGGTCCCAGCCGGCGGCTCCAGCTCCAACAGCA
CCCGAGAGCCGCCCCGCCTCGGGTCGGGTGGCGTTGGTAAAGGTGCTGGACAAGTGG
CCGCTCCGGAGCGGGGGGCTGCAGCGCGAGCAGGTGATCAGCGTGGGCTCCTGTGT
GCCGCTCGAAAGGAACCAGCGCTACATCTTTTTCTGGAGCCCACGGAACAGCCCTT
AGTCTTTAAGACGGCCTTTGCCCCCTCGATACCAACGGCAAAAATCTCAAGAAAGA
GGTGGGCAAGATCCTGTGCACTGACTGCGCCACCCGGCCCAAGTTGAAGAAGATGA
AGAGCCAGACGGGACAGGTGGGTGAGAAGCAATCGCTGAAGTGTGAGGCAGCAGC
CGGTAATCCCCAGCCTTCCTACCGTTGGTTCAAGGATGGCAAGGAGCTCAACCGCAG
CCGAGACATTCGCATCAAATATGGCAACGGCAGAAAGAACTCACGACTACAGTTCA
ACAAGGTGAAGGTGGAGGACGCTGGGGAGTATGTCTGCGAGGCCGAGAACATCCTG
GGGAAGGACACCGTCCGGGGCCGGCTTTACGTCAACAGCGTGAGCACCACCCTGTC
ATCCTGGTCGGGGCACGCCCGGAAGTGCAACGAGACAGCCAAGTCCTATTGCGTCA
ATGGAGGCGTCTGCTACTACATCGAGGGCATCAACCAGCTCTCCTGCAAATGTCCAA
ATGGATTCTTCGGACAGAGATGTTTGGAGAACTGCCTTTGCGATTGTACATGCCAG
ATCCTAAGCAAAGTGTCTGTGGGATACACCGGGGACAGGTGTCAGCAGTTCGCAA
TGGTCAACTTCTCCAAGCACCTTGGATTTGAATTAAA (SEQ ID NO: 1)

FIG. 7

MRRDPAPGFSMLLFGVSLACYSPSLKSVQDQAYKAPVVVEGKVQGLVPAGGSSSNSTR
EPPASGRVALVKVLDKWPLRSGGLQREQVISVGSCVPLERNQRYIFFLEPTEQPLVFKTA
FAPLDTNGKNLKKEVGKILCTDCATRPKLKKMKSTGQVGEKQSLKCEAAAGNPQPSY
RWFKDGKELNRSRDIRIKYGNGRKNSRLQFNKVKVEDAGEYVCEAENILGKDTVGRGL
YVNSVSTTLSSWSGHARKCNETAKSYCVNGGVCYYIEGINQLSCKCPNGFFGQRCLEKL
PLRLYMPDPKQSVLWDTPGTGVSSSQWSTSPSTLDLN (SEQ ID NO: 2)

FIG. 8

ATGAGGCGCGACCCGGCCCCCGGCTTCTCCATGCTGCTCTTCGGTGTGTCGCTCGCC
TGCTACTCGCCAGCCTCAAGTCAGTGCAGGACCAGGCGTACAAGGCACCCGTGGT
GGTGGAGGGCAAGGTACAGGGGCTGGTCCCAGCCGGCGGCTCCAGCTCCAACAGCA
CCCGAGAGCCGCCCCGCCTCGGGTCGGGTGGCGTTGGTAAAGGTGCTGGACAAGTGG
CCGCTCCGGAGCGGGGGGCTGCAGCGCGAGCAGGTGATCAGCGTGGGCTCCTGTGT
GCCGCTCGAAAGGAACCAGCGCTACATCTTTTTCCTGGAGCCCACGGAACAGCCCTT
AGTCTTTAAGACGGCCTTTGCCCCCCTCGATACCAACGGCAAAAATCTCAAGAAAG
AGGTGGGCAAGATCCTGTGCACTGACTGCGCCACCCGGCCCAAGTTGAAGAAGATG
AAGAGCCAGACGGGACAGGTGGGTGAGAAGCAATCGCTGAAGTGTGAGGCAGCAG
CCGGTAATCCCCAGCCTTCCTACCGTTGGTTCAAGGATGGCAAGGAGCTCAACCGCA
GCCGAGACATTCGCATCAAATATGGCAACGGCAGAAAGAACTCACGACTACAGTTC
AACAAGGTGAAGGTGGAGGACGCTGGGGAGTATGTCTGCGAGGCCGAGAACATCCT
GGGGAAGGACACCGTCCGGGGCCGGCTTTACGTCAACAGCGTGAGCACCACCCTGT
CATCCTGGTTCGGGGCACGCCCCGGAAGTGCAACGAGACAGCCAAGTCCTATTGCGTC
AATGGAGGCGTCTGCTACTACATCGAGGGCATCAACCAGCTCTCCTGCAAGTGTCTT
GTGGGATACACCGGGGACAGGTGTCAGCAGTTCGCAATGGTCAACTTCTCCTAA
(SEQ ID NO: 3)

FIG. 9

MRRDPAPGFSMLLFGVSLACYSPSLKSVQDQAYKAPVVVEGKVQGLVPAGGSSSNSTR
EPPASGRVALVKVLDKWPLRSGGLQREQVISVGSCVPLERNQRYIFFLEPTEQPLVFKTA
FAPLDTNGKNLKKKEVGKILCTDCATRPKLKKMKSTGQVGEKQSLKCEAAAGNPQPSY
RWFKDGKELNRSRDIRIKYGNGRKNSRLQFNKVKVEDAGEYVCEAENILGKDTVGRGL
YVNSVSTTLSSWSGHARKCNETAKSYCVNGGVCYYIEGINQLSCKCPVGYTGDRCCQF
AMVNFS (SEQ ID NO: 4)

FIG. 10

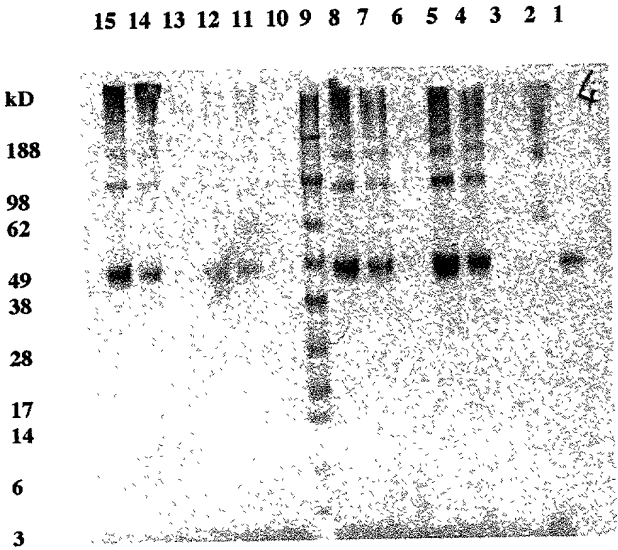


FIG. 11

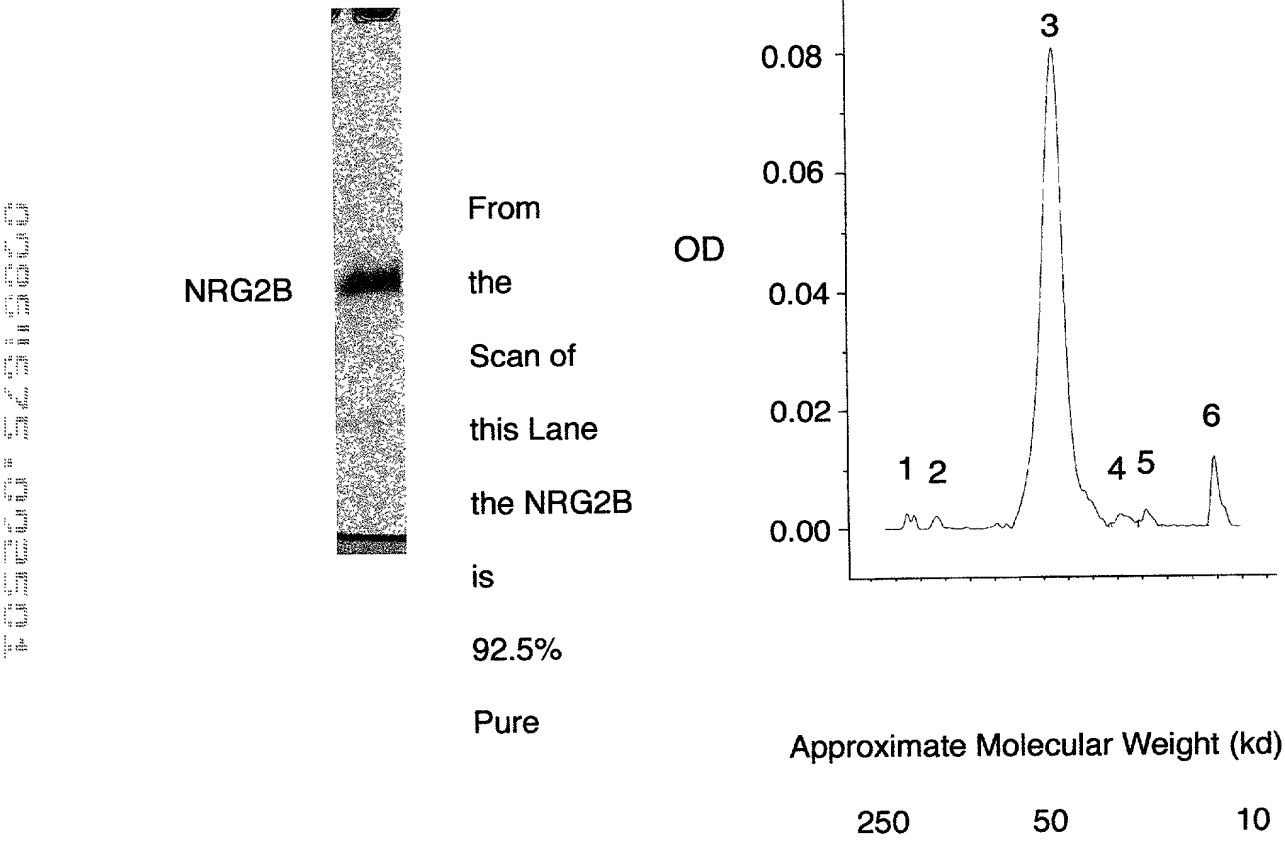


FIG. 12

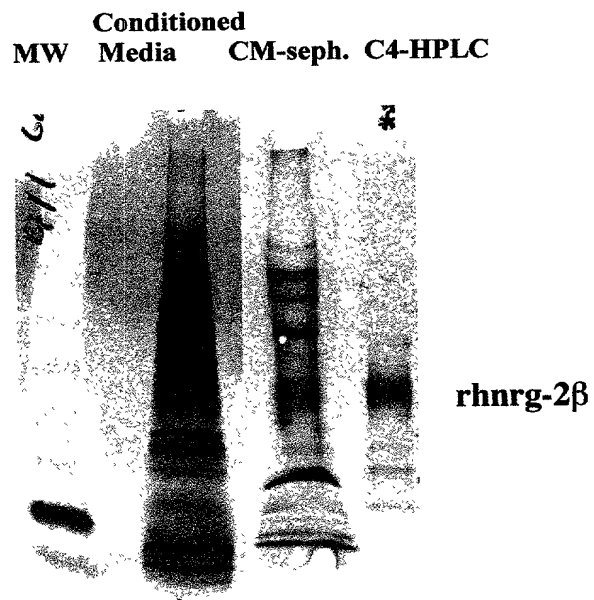


FIG. 13

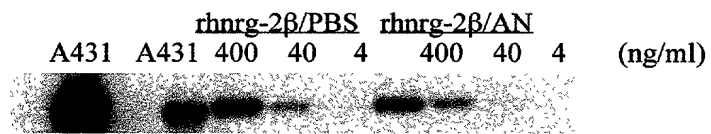


FIG. 14

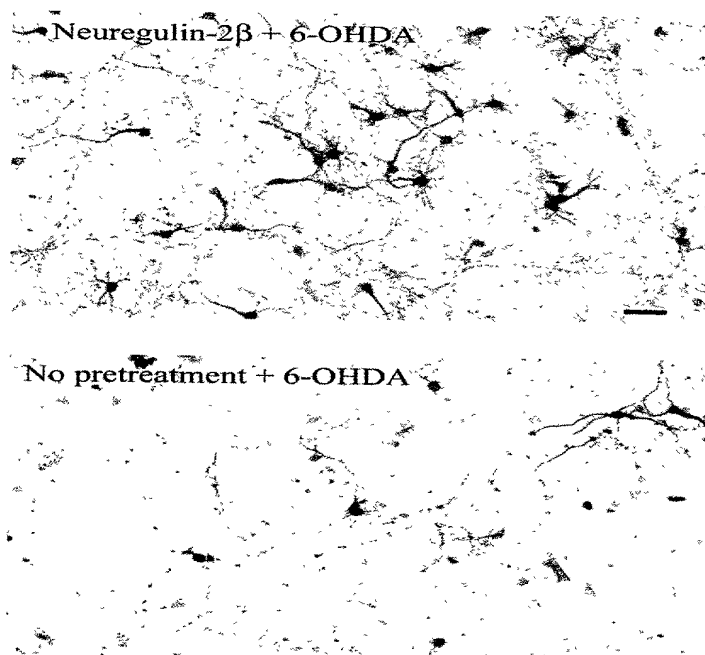


FIG. 15

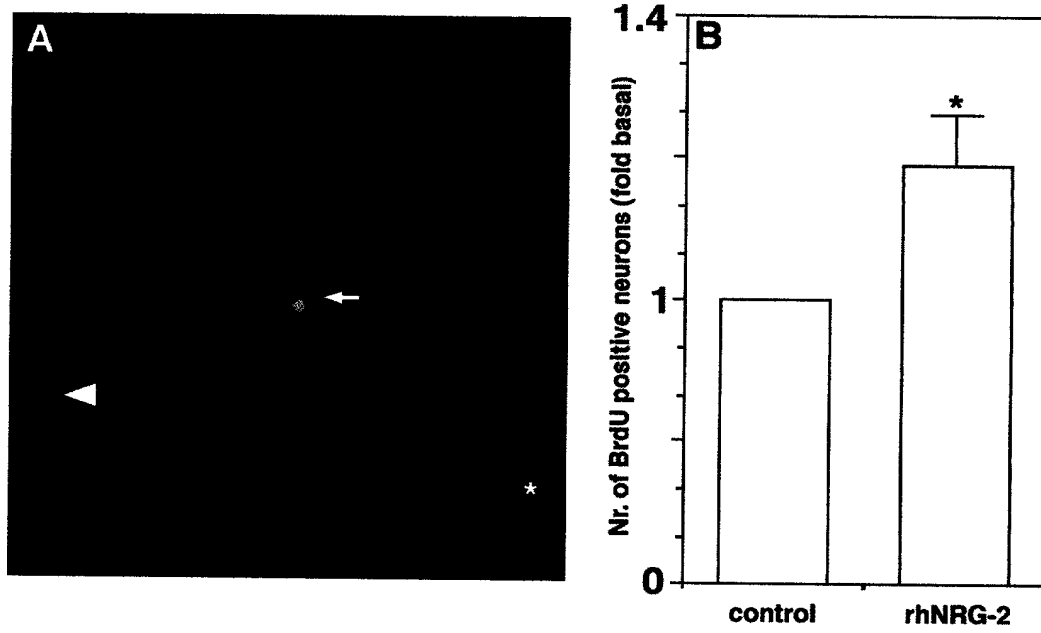


FIG. 16A

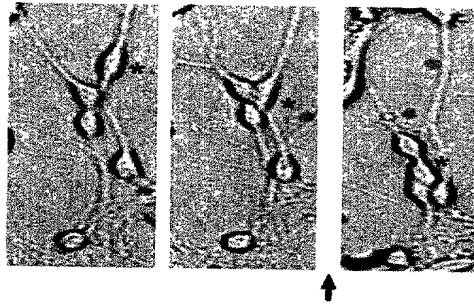


FIG. 16B

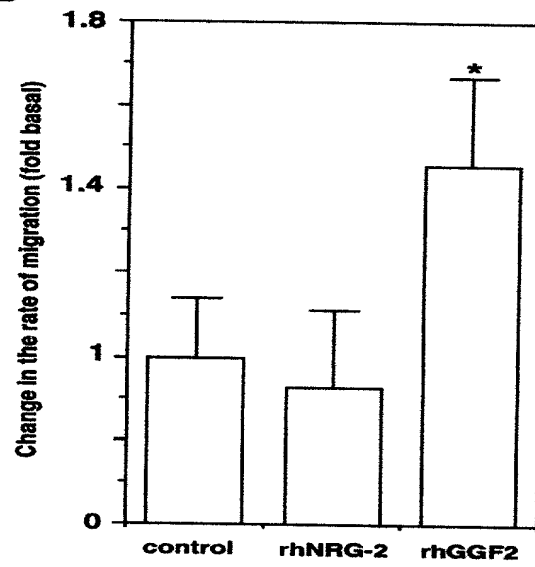


FIG. 17

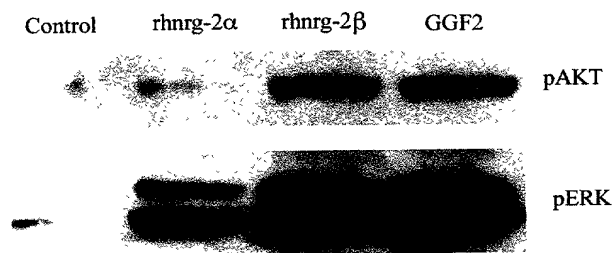


FIG. 18

